

**LIMA WATER SYSTEM IMPROVEMENTS
CONTRACT 1: UPGROUND RESERVOIR
2009
ADDENDUM NO. 5
July 5, 2009**

The following addendum items modify, change, delete from or add to the requirements of the May 2009 Contract Documents for this project. The articles contained in this Addendum No. 5 take precedence over the requirements of the previously published Contract Documents. Where any article of the Project Manuals or any detail of the Contract Drawings is modified or any Article, Paragraph, Subparagraph or Clause thereof is modified, added or deleted by the articles contained in this Addendum, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

PART 1 – PROJECT MANUAL / SPECIFICATIONS

1. Addendum 4, Item 4. The pavement repair section to consist of:
 1. 1.25 inches of ODOT Item 448 – Type 1 Surface Course
 2. Tack Coat
 3. 4.75 inches of ODOT Item 301 – Base Course
 4. Prime Coat
 5. Item 304 backfill for crossing as shown on Plan Sheet C4.2
2. Section 02700. Paragraph 2.01.D. Replace with: Finish Coat: Paint the access gate and other exposed metal surfaces with light grey enamel paint.
- 3.
4. Bid Form, Page BF-1. Replace with the attached page, revising Section 1.03.

PART 2 – PLANS

1. Sheet C1. Fifteen acres in the the northwest corner of the site are not available to the Contractor for his use during Construction. See the attached sketch.
2. Sheet C21. Add the following note, "Staff Gage. Fiberglass or porcelain covered enamel and graduated in feet and tenths of a foot unnumbered. Numbers are to be attached next to the gauge using 2-inch by 3-inch white porcelain enameled plates with a minimum text height of 2-inches. The gauge numbers shall increase down the gauge from 0 to 10 feet with the 0 at Elevation 858.5 feet."

PART 3 – CLARIFICATIONS

1. In Addendum 4, the quantities for Items 41 to 43 where changed, but this was not noted in the Addendum.
2. Schedule of Values Item 28 (Field Tile Removal), has been changed to Quantity: Lump Sum.

PART 4 – QUESTIONS AND ANSWERS

- Q1)** If quantities exceed or underrun those shown on the Schedule of Values, will the Owner pay extra or deduct based on the rates shown?
- A1)** No. The Project is a Lump Sum bid as stated in Article 13 of the Instruction to Bidders. As noted on the Schedule of Values, there are two allowances for this Work. The Schedule of Values, including any quantities shown, is only used to assist with Pay Applications.

**LIMA WATER SYSTEM IMPROVEMENTS
CONTRACT 1: UPGROUND RESERVOIR
2009
ADDENDUM NO. 5
July 5, 2009**

- Q2)** Does the Allen County Engineer's Application for Permit to Construct Within Road Right of Way need to be submitted with bids? Is the \$50,000 Surety Bond that names the Allen County Engineer as the obligee to be submitted with bids?
- A2)** Neither the Permit nor the Bond needs to be submitted as part of the bid package. Only the successful bidder needs to complete the Permit and obtain the Bond. The Permit and Bond must be completed prior to starting the Sunderland Road pipeline crossings.
- Q3)** Is the intent that all Ductile Iron Pipe joints are restrained?
- A3)** Yes.
- Q4)** The Specifications require that all cobbles and boulders are to be removed from the Structural Fill. The Specification later states that all material larger than 3 inches is to be removed? Which is correct?
- A4)** Remove all materials larger than 3 inches.

PART 4 - ATTACHMENTS

Schedule of Values dated 7/6/09.
Page BF-1, Bid Form.
Sketch showing northwest corner of site.

NOTICE

THIS ADDENDUM MUST BE ACKNOWLEDGED BY ENTRY OF THE ADDENDUM NUMBER IN THE REQUISITE SPACE ON THE BID FORM AND THE RETURN OF THE ENTIRE ADDENDUM WITH THE BID. FAILURE OF A BIDDER TO ACKNOWLEDGE AND INCLUDE THIS ADDENDUM MAY CAUSE THE BID TO BE REJECTED AS INCOMPLETE.

ISSUED: July 6, 2009

The City of Lima
BBC&M Engineering, Inc.

++ END OF ADDENDUM NO. 5 ++

**SCHEDULE OF VALUES
LIMA WATER SYSTEM IMPROVEMENTS
CONTRACT 1 - UPGROUND RESERVOIR
ADDENDUM NO. 5**

7/6/2009

ITEM	DESCRIPTION	SECTIONS	LABOR	MATERIALS	QUANTITY UNIT	ITEM TOTAL
1	Mobilization/Demobilization	02020	\$	\$	Lump Sum	
2	Traffic Control	02100	\$	\$	Lump Sum	
3	Erosion Control System	02200	\$	\$	Lump Sum	
4	Demolition	02221	\$	\$	Lump Sum	
5A	Grubbing	02230	\$	\$	30 Ac	
5B	Clearing	02230	\$	\$	6,000.0 SF	
6	Topsoil Stripping	02230	\$	\$	238,000 C.Y.	
7	Topsoil - Placed on Slopes	02230	\$	\$	47,000 C.Y.	
8	Topsoil - Placed in Reservoir Bottom	02230	\$	\$	240,500 C.Y.	
9A	6" P.E. Pipe (to existing catch basins)	02550	\$	\$	238 LF	
9B	8" P.E. Pipe (to existing catch basins)	02550	\$	\$	50 LF	
9C	10" P.E. Pipe (to existing catch basins)	02550	\$	\$	25 LF	
10	8-inch pipe (under new entrance drives)	02550	\$	\$	70 LF	
11	12 inch pipe	02550	\$	\$	1,040 LF	
12	15" Pipe	02550	\$	\$	205 LF	
13	18" Pipe	02550	\$	\$	1,147 LF	
14	24" Pipe	02550	\$	\$	2,005 LF	
15	30" Pipe	02550	\$	\$	2,719 LF	
16	36" Pipe	02550	\$	\$	3,986 LF	
17	42" Pipe	02550	\$	\$	4,847 LF	
18	Manhole 48 - inch base	02550	\$	\$	2 EA	
19	Manhole 72 - inch base	02550	\$	\$	2 EA	
20	2 - 3 Catch Basin	02550	\$	\$	22 EA	
21	2 - 4 Catch Basin	02550	\$	\$	27 EA	
22	24" Headwall	02550	\$	\$	1 EA	
23	36" Headwall	02550	\$	\$	1 EA	
24	42" Headwall	02550	\$	\$	2 EA	
25	Headwall Rock Channel Protection	02550	\$	\$	33 CY	
26	Wetland Mitigation	Sheet M1 - M7				
26A	Clearing and Grubbing	Sheet M1 - M7	\$	\$	Lump Sum	
26B	Relocation of Drain Tiles, Complete	Sheet M1 - M7	\$	\$	Lump Sum	
26C	Excavation	Sheet M1 - M7	\$	\$	15,200 CY	
26D	Embankment	Sheet M1 - M7	\$	\$	250 CY	
26E	Sediment Fence	Sheet M1 - M7	\$	\$	1,650 LF	
26F	Rock Channel Protection, Type D	Sheet M1 - M7	\$	\$	5 CY	
26G	Conservation Area Sign, Complete	Sheet M1 - M7	\$	\$	27 EA	
26H	Topsoil Stockpiled	Sheet M1 - M7	\$	\$	18,600 CY	
26I	Placing Stockpiled Topsoil	Sheet M1 - M7	\$	\$	18,600 CY	
26J	Erosion Control Mat, Type A, per 712.11	Sheet M1 - M7	\$	\$	725 SY	
26K	Outlet Structure with Stoplogs, Complete	Sheet M1 - M7	\$	\$	1 EA	
26L	Embankment/Buffer Seeding and Mulching, APP	Sheet M1 - M7	\$	\$	25,000 S.Y.	
26M	Wetland Seeding and Mulching, APP	Sheet M1 - M7	\$	\$	84,300 S.Y.	
26N	3 Gallon Trees	Sheet M1 - M7	\$	\$	2,290 EA	
26O	3 Gallon Shrubs	Sheet M1 - M7	\$	\$	1,015 EA	
26P	3 Gallon Sedges	Sheet M1 - M7	\$	\$	2,290 EA	
26Q	Live Stakes in Vernal Pools (8' Centers)	Sheet M1 - M7	\$	\$	580 EA	
26R	Maintenance	Sheet M1 - M7	\$	\$	Lump Sum	
26S	Plant Replacement	Sheet M1 - M7	\$	\$	Lump Sum	
26T	Goose Fencing	Sheet M1 - M7	\$	\$	5,120 LF	
27	Stream Mitigation	Sheet M1 - M7				
27A	Clearing and Grubbing	Sheet M1 - M7	\$	\$	10.1 Acres	
27B	Topsoil Stripping and Replacement	Sheet M1 - M7	\$	\$	16,260 CY	
27C	Relocation of Drain Tiles, Complete	Sheet M1 - M7	\$	\$	Lump Sum	
27D	Excavation - Sawmiller	Sheet M1 - M7	\$	\$	18,000 CY	
27E	Excavation - Gable	Sheet M1 - M7	\$	\$	30,000 CY	
27F	Granular Material, Type F, No 2 Stone	Sheet M1 - M7	\$	\$	15 CY	
27G	Granular Material, Type F, No 57 Stone	Sheet M1 - M7	\$	\$	25 CY	
27H	Rock Channel Protection, Type C w/ Filter	Sheet M1 - M7	\$	\$	125 CY	
27I	Rock Channel Protection, Type D w/ Filter	Sheet M1 - M7	\$	\$	165 CY	
27J	Conservation Area Sign, Complete	Sheet M1 - M7	\$	\$	46 EA	
27K	Slope/Buffer Seeding	Sheet M1 - M7	\$	\$	23,400 S.Y.	
27L	Floodplain Seeding	Sheet M1 - M7	\$	\$	17,150 S.Y.	

27M	3 Gallon Trees	Sheet M1 - M7	\$	\$	525	EA	
27N	3 Gallon Shrubs	Sheet M1 - M7	\$	\$	525	EA	
27O	Live Stakes	Sheet M1 - M7	\$	\$	1,930	EA	
27P	Maintenance	Sheet M1 - M7	\$	\$		Lump Sum	
27Q	Plant Replacement	Sheet M1 - M7	\$	\$		Lump Sum	
28	Field Tile Removal	02221	\$	\$		Lump Sum	
29	Core Trench - Excavation and Backfill	02221	\$	\$	18,940	LF	
30	Structural Fill Excavation and Placement	02400	\$	\$	4,070,000	C.Y.	
31	Fine Aggregate	02305	\$	\$	45,000	CY	
32	Coarse Aggregate	02305	\$	\$	3,700	CY	
33	Blanket Drain Pipe	02530	\$	\$	19,600	L.F.	
34	Blanket Drain Outlet Pipe	02530	\$	\$	2,600	L.F.	
35	Geotextile	02510	\$	\$	90,000	S.Y.	
36	Bedding Stone	02510	\$	\$	9,100	CY	
37	Dumped Rock	02510	\$	\$	57,250	CY	
38	Wearing Stone - ODOT Item 304	02305	\$	\$	12,900	Tons	
39	Turf Reinforced Mat, Type 2	02921	\$	\$	780	SY	
40	Seeding & Mulching	02921	\$	\$	279,600	S.Y.	
41	Asphalt Concrete - Surface Course	02710	\$	\$	280	CY	
42	Asphalt Concrete - Intermediate Course	02710	\$	\$	600	CY	
43	Asphalt Concrete - Base Course ODOT Item 301	02710	\$	\$	17	CY	
44	Concrete Masonry Unit Step	04300	\$	\$	246	Each	
45	54 " Ductile Iron - Class 150	02600	\$	\$	131	L.F.	
46	54 " Ductile Iron - Class 56	02600	\$	\$	160	L.F.	
47	42" Ductile Iron - Class 150	02600	\$	\$	391	L.F.	
48	42" Ductile Iron - Class 55	02600	\$	\$	160	L.F.	
49	Reinforced Concrete - Structures	03300	\$	\$	535	C.Y.	
50	Reinforced Concrete - General	03300	\$	\$	305	C.Y.	
51	No. 57 Stone	02305	\$	\$	125	Tons	
52	No. 8 Stone	02305	\$	\$	540	Tons	
53	Flowable Fill	03400	\$	\$	630	C.Y.	
54	Pre-Cast Walkway	03500	\$	\$	1	each	
55A	Intake Screen - 54 inch	11200	\$	\$	1	Each	
55B	Intake Screen - 42 inch	11200	\$	\$	3	Each	
55C	Intake Screen - 8 inch	11200	\$	\$	1	Each	
56	Butterfly Valve - 54"	11100	\$	\$	2	Each	
57	Butterfly Valve - 42"	11100	\$	\$	4	each	
58	Butterfly Valve - 8"	11100	\$	\$	1	Each	
59	Protection Fence	05600	\$	\$	117	L.F.	
60	Aluminum Railing	05500	\$	\$	106	L.F.	
61	Aluminum Grating	05700	\$	\$	360	SF	
62	Wood Bollard	02715	\$	\$	1,053	Each	
63	Wood Bumper Post	02715	\$	\$	30	Each	
64	Picnic Table	02716	\$	\$	3	Each	
65	Pedestal Park Grill	02717	\$	\$	3	Each	
66	Trash Receptacle	02718	\$	\$	2	Each	
67	Metal Bollard - Removable	02719	\$	\$	4	Each	
68	Metal Bollard - Fixed	02720	\$	\$	4	Each	
69	Access Gate	02720	\$	\$	2	Each	
					TOTAL BID	\$	

ALLOWANCES

1	Overexcavation	\$	\$	CY	\$	10,000.00
2	Pavement Repair	\$	\$	Lump Sum	\$	150,000.00
TOTAL ALLOWANCES					\$	160,000.00
TOTAL WITH ALLOWANCES					\$	

CITY OF LIMA, OHIO
LIMA WATER SYSTEM IMPROVEMENTS
CONTRACT 1: UPGROUND RESERVOIR

BID FORM

REVISION 0 - PAGE 1 OF 5

1.01 Submitted by:

_____ ("Bidder") on _____
_____ (Contracting Firm) (Date)

1.02 Deliver to: Office of the Mayor, Purchasing Division
City of Lima, Ohio
City Hall, 50 Town Square
Lima, Ohio 45801

1.03 Having read the Conditions of Contract and Specifications and examined the Drawings for the construction of the City of Lima, Ohio, Lima Water System Improvements Contract 1: Upground Reservoir, ("Project") and having also received, read, and taken into account the following Addenda:

Addendum # 1, Dated: _____;
Addendum # 2, Dated: _____;
Addendum # 3, Dated: _____;
Addendum # 4, Dated: _____;
Addendum # 5, Dated: _____;

and likewise having inspected the site in Allen County, just west of Lima, Ohio; and the conditions affecting and governing said Project, the undersigned Bidder hereby proposes to furnish all materials, equipment and services and to perform all labor, as specified and described in the said Specifications and/or as shown on the said Drawings, for all work necessary to complete the Project on a timely basis and in accordance with the Contract Documents, regardless of whether expressly provided for in such Specifications and Drawings.

1.04 Before completing the Bid Form, the Bidder represents that it has carefully reviewed the Legal Notice to Bidders, Instructions to Bidders, Owner-Contractor Agreement, General Conditions and modifications thereto, Drawings, and Specifications, and understands these documents. Failure to comply with the provisions of the Contract Documents may be cause for disqualification of the bid.

1.05 BONDS AND CONTRACT:

A bid guaranty meeting the requirements indicated in the Instructions to Bidders is included with the bid submitted by the Bidder.

1.06 COMPLETION OF THE WORK:

In submitting a bid, the Bidder agrees to execute and complete the Owner-Contractor Agreement in the form included in the Contract Documents and to complete its work within the time periods in the Agreement.

1.07 PREVAILING WAGES:

The Wage Determination included in the Contract Documents is incorporated herein. The Successful Bidder agrees to comply with the requirements of Chapter 4115, Ohio Revised Code.

1" = 400'



695.2' →

940'



Sunderland Rd →

North Lima Property Line

Area Not Available to Contractor

NORTH PARKING LOT (SEE SHEET C19)

BOAT LAUNCH ACCESS RAMPS (SEE SHEET C18)

Proposed Reservoir SPANNING TRENCH (1000 FEET)

